

Mr. Jon Hall
Standard Register Company
1251 North Fruitridge Avenue
Terre Haute, IN 47804

Re: 167-12655
Third Administrative Amendment to
FESOP 167-7790-00060

Dear Mr. Hall:

Standard Register Company was issued a permit on March 17, 1998 for a flexographic printing operation. A letter requesting an addition of two (2) print towers to press #20 was received on August 25, 2000. Pursuant to the provisions of 326 IAC 2-8-10(a)(2) and 326 IAC 2-8-10(a)(14), the permit is hereby administratively amended as follows:

Standard Register Company requests the addition of two (2) print towers to press #20 (from a 4-color press to a 6-color press).

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Mr. Darren Woodward, at (812) 462-3433, extension 15.

Sincerely,

George M. Needham
Director
Vigo County Air Pollution Control

Attachments

DKW

cc: Mindy Hahn
Winter Bottum

**FEDERALLY ENFORCEABLE STATE
OPERATING PERMIT (FESOP)
and
OFFICE OF AIR MANAGEMENT
and
Vigo County Air Pollution Control**

Standard Register Company
1251 North Fruitridge Avenue
Terre Haute, Indiana 47804

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the facilities listed in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 and 326 IAC 2-1-3.2, as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: F167-7790-00060	
Issued by: George M. Needham, Director Vigo County Air Pollution Control	Issuance Date: March 17, 1998
First Administrative Amendment F167-11401	Issuance Date: October 14, 1999
Second Administrative Amendment F167-12294	Issuance Date: August 7, 2000
Third Administrative Amendment F167-12655	Pages Affected: None
Issued by: George M. Needham, Director Vigo County Air Pollution Control	Issuance Date: September 13, 2000

**Standard Register
1251 North Fruitridge Ave., Terre Haute, Indiana
167-12655-00060**

**Application Received: August 25, 2000
Application Issued: September 13, 2000
Reviewed by: Darren Woodward - VCAPC**

VOC From Printing Press Operations

THROUGHPUT			
Press I.D.	MAXIMUM LINE SPEED (FEET/MIN)	MAXIMUM PRINT WIDTH (INCHES)	MMin^2/YEAR
Press #20	500	16	50458

INK VOCS					
Ink Name Press Id	Maxium Coverage '(lbs/MMin^2)	Weight % Volatiles* Organics	Flash Off %	Throughput (MMin^2/Year)	Emissions (TONS/YEAR)
Water Based Inks	3	13.5%	100.00%	50458	10.22
CF Coating	6.8	0.8%	100.00%	50458	1.37
Laser Lock	5.7	0.5%	100.00%	50458	0.72
Press Wash	0.05	100.0%	100.00%	50458	1.26
Ammonia	0.2	0.0%	100.00%	50458	0.00
Scratch-off	0.22	50.0%	100.00%	50458	2.78

Total VOC = 1(Water Based Inks) + 5(Scratch-off @ 10%) + Solvents =

11.61	Ton/yr
63.59	lb/day
2.65	lb/hr

NOTE: It would be unrealistic to have every ink/coating to be considered a floodcoat, therefore, it was determined using the worst case, that one (1) floodcoat plus 10% of Scratch-off on the five (5) other towers, plus the solvents would be a realistic number.

METHODOLOGY

Throughput = Maxium line speed feet per minute * Convert feet to inches * Maximum print width inches * 60 minutes per hour * 8760 hours per year = MMin^2 per Year

VOC = Maximum Coverage pounds per MMin^2 * Weight percentage volatiles (water minus organics) * Flash off * Throughput * Tons per 2000 pounds = Tons per Year

NOTE: HEAT SET OFFSET PRINTING HAS AN ASSUMED FLASH OFF OF 80%. OTHER TYPES OF PRINTERS HAVE A FLASH OFF OF 100%.

(Source -OAQPS Draft Guidance, "Control of Volatile Organic Compound Emissions from Offset Lithographic Printing (9/93))